



USTDA

U.S. TRADE AND DEVELOPMENT AGENCY

USTDA in India

Linking U.S. Businesses to
Global Infrastructure Opportunities

www.ustda.gov

The U.S. Trade and Development Agency helps companies create U.S. jobs through the export of U.S. goods and services for priority development projects in emerging economies. USTDA links U.S. businesses to export opportunities by funding project planning activities, pilot projects, and reverse trade missions while creating sustainable infrastructure and economic growth in partner countries.

USTDA Programs

USTDA promotes economic growth in emerging economies by facilitating the participation of U.S. businesses in the planning and execution of priority development projects in host countries. The Agency's objectives are to help build the infrastructure for trade, match U.S. technological expertise with overseas development needs, and help create lasting business partnerships between the United States and emerging economies.

USTDA advances these objectives through its two key programs, the International Business Partnership Program and the Project Development Program.

In support of the National Export Initiative, USTDA launched the International Business Partnership Program (IBPP) to connect foreign project sponsors with U.S. manufacturers and service providers in order to open new export markets and identify commercial opportunities for U.S. companies. USTDA's reverse trade missions – the mainstay of the IBPP – bring foreign decision-makers to the United States to observe the design, manufacture and operation of U.S. products and services that can help them achieve their development goals. These visits also include meetings with financial institutions to introduce financing options, as well as technical and regulatory bodies that can assist with strengthening the project sponsor's technical capacity.

Through feasibility studies, technical assistance and pilot projects, USTDA's Project Development Program helps overseas project sponsors identify technological solutions and various sources of financing for priority infrastructure projects.

USTDA in India

Since 1992, the U.S. Trade and Development Agency has supported over 100 priority development projects in India with public and private sector sponsors. To date, USTDA's programs have helped to generate over \$1.3 billion in U.S. exports. USTDA is instrumental in engaging U.S. companies in India's infrastructure development and modernization by facilitating technology transfer in key sectors. Priorities for USTDA's program in India include energy and climate change, transportation (especially aviation), and information and communications technology.

U.S.-India Aviation Cooperation Program

The U.S.-India Aviation Cooperation Program (ACP) is a unique bilateral public-private partnership launched in 2007 that targets mutual interests concerning the modernization requirements of India's rapid aviation sector growth. USTDA, the U.S. Federal Aviation Administration (FAA), U.S. aviation companies, and the Government of India's Civil Aviation Ministries jointly support ACP technical cooperation projects. Through the ACP, USTDA has supported four bilateral Aviation Summits and numerous technical assistance projects in air traffic management, helicopter operations and other areas.

U.S.-India Energy Cooperation Program

The U.S.-India Energy Cooperation Program (ECP) aims to leverage private sector business resources in the U.S. and India to promote commercial projects that support the sustainable development of India's energy sector. The ECP was launched in 2010 as a public-private partnership of member companies and the governments of the U.S. and India. The ECP has hosted solar power, smart grid and unconventional gas development exchanges while launching new cooperation projects in smart grid modernization and solar power.



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USTDA Success in India

To support the certification of Global Navigation Satellite System (GNSS) technologies in the Indian national airspace, USTDA sponsored a visit to the U.S. for technical officials from the Directorate General of Civil Aviation, the Airports Authority of India (AAI), and the Indian Space Research Organization. As a direct result, U.S. companies have realized more than \$39 million in exports of U.S. manufactured equipment and services to implement a state-of-the-art satellite-based Geo-Augmented Navigation Technology System in India.

Examples of USTDA projects in India

Transportation Infrastructure Exchange

USTDA supported a Transportation Infrastructure Exchange program to introduce Indian public officials and private sector project sponsors to U.S. infrastructure technologies and services through a series of visits to the U.S. focused on rail and ports. These visits aim to increase awareness of U.S. technologies, services and product standards, as well as regulatory processes and operating practices, that can assist India in developing its rail and ports infrastructures.

Ground Based Augmentation System Pilot Project

In order to improve air navigation at Delhi International Airport, USTDA is partially funding a technical assistance for the AAI to support the certification and pilot of a Ground Based Augmentation System (GBAS). The system will enable AAI to support increasing capacity demands in India's air traffic space with proper safety and air traffic management (ATM) techniques. The assistance will also allow AAI officials to gain operational experience with GBAS technology, a critical component of India's ATM modernization efforts.

Rural Micro-Grid Solar Power

USTDA is partially funding a Feasibility Study grant to Azure Power for the development of a Rural Micro-Grid Solar Power project that will be deployed in remote non-electrified villages in India. The study will assess and provide planning assistance for two 500 kilowatt photovoltaic solar projects in the states of Chhattisgarh and Gujarat.



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